

AFSC 3E8X1
EXPLOSIVE ORDNANCE DISPOSAL
CAREER FIELD EDUCATION AND TRAINING PLAN

This change is effective with class 990517 in course J3ACP3E871 000, Explosive Ordnance Disposal Craftsman. Compliance with AFI 36-2201, para 4.11.6.1, and other training policies and documentation is required. CFETP 3E8X1, 1 Apr 97, is changed as follows:

1. Write-in Changes:

ABBREVIATIONS/TERMS EXPLAINED

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 6	5	New para 5 completely replaces para 5: Certification and Testing (Cer-Test). A multi-media evaluation program used to test an individual's knowledge of principles and procedures in their career field.
★ 6	10	New para 10 completely replaces para 10: Critical Task: Tasks that have been identified by the workcenter supervisor as having a detrimental effect on mission accomplishment if not performed correctly. Critical tasks may or may not be the same as core tasks but are mandatory if identified as 'critical' to the individual's position by the supervisor or workcenter.

PART I

SECTION B - GENERAL INFORMATION

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 15	5.2	New bullet 4 completely replaces bullet 4: Will use CDCs and other reference material to prepare for Weighted Airman Performance Systems (WAPS) testing.
★ 21	8	Make the following changes to the Enlisted Career Pyramid: "Journeyman" section. Change "(12 months OJT)" to "(15 months OJT)" "Apprentice" section. Delete "6 months"

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 23	8.5	New paragraph 8.5 to replace 8.5: The senior badge adds a star to the middle of the bomb. This is awarded after the member successfully completes the 7-level awarding course.
★ 23	8.6	New paragraph 8.6 to replace 8.6: The master badge adds a wreath and a star to the top of the badge. It's awarded to master sergeants or above with 5 years in the specialty from award of the 7-skill level.
★ 26	10.2.1	New para 10.2.1 will replace 10.2.1: 10.2.1. Specialty Qualifications. Entry into 5-level upgrade training is initiated after the individual has completed the 3-level school. All 3E831 qualifications apply to 3E851 requirements.

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 27	10.2.3	New Bullet 1 will replace bullet 1: Entry into formal Journeyman upgrade training is accomplished after individuals are assigned to their first duty station.
★ 27	10.2.3	Bullet 2: Delete

PART II

SECTION A - SPECIALITY TRAINING STANDARD

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 35	2.6.1.2.1.1.	New para 2.6.1.2.1.1 replaces 2.6.1.2.1.1. For core and critical tasks , the trainer and certifier evaluate airman's current qualifications and validate airman's ability to complete the task. the certifier and trainee then enter their initials and new certified date.
★ 35	2.6.1.2.1.2	New para 2.6.1.2.1.2 completely replaces para 2.6.1.2.1.2 For non-core tasks , the trainer evaluates the airman's current qualifications and validates the airman's ability to complete the task. The trainer and trainee then enters their initials in columns 3D and 3C respectively and a new training completion date is entered in column 3B.
★ 35	2.6.1.2.2	New para 2.6.1.2.2 completely replaces para 2.6.1.2.2: To transcribe previous certification for tasks not required in the current duty position , carry forward only the previous completion dates (not the initials of another person). If and when these tasks become a duty position requirement, recertify with current date and trainer, certifier, and trainee's initials.
★ 36	2.8	Change paragraph 2.8 to 2.7

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 39	1.4.9.1	4C(1)	Delete "B"
★ 39	1.4.9.1	4C(2)	Change "B" to "2b"
★ 40	3.7	1	Delete "s" from "Allocation"
★ 40	3.7	4C(1)	Delete "B"
★ 40	4.1	1	Add "s" to "Requirement"
★ 40	4.1	4A(1)	Delete "3c/X"
★ 40	4.1	4B(1)	Delete "b"
★ 40	4.2	1	Change paragraph to read: "Use the Resource Inventory Control (RIC) Sub-module for Tracking equipment"
★ 40	4.2	4A(1)	Delete "3c/X"
★ 40	4.2	4B(1)	Delete "b"
★ 40	4.3	1	Change paragraph to read: "Use Automated Management (ATOM)."
★ 40	5.5	4B(1)	Delete "B"
★ 41	5.10	1	Change paragraph to read: "Perform Confined Space Entry"
★ 42	8.3	4C(1)	Delete "B"
★ 43	8.7.1	4C(2)	Add "2b"
★ 44	12.2.1	4A(1)	Change "2b/a" to "2b"
★ 44	12.2.2	4A(1)	Change "2b/a" to "2b"
★ 44	12.2.4	4A(1)	Change "2b/a" to "2b"
★ 44	12.2.5	4A(1)	Change "2b/X" to "2b/2a"

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 44	12.2.6	4A(1)	Change "2b/a" to "2b/1a"
★ 46	14	1	Change paragraph to read: 14. TREATMENT OF EXPLOSIVES AND RELATED HAZARDOUS MATERIALS TR: AFI 91-409; AFMAN 91-201; CFR 40, CFR 49; TOs 11A-1-42, 11A-1-60, 11A-1-66, 32 Series; and EPA 8700-22 Manifest
★ 46	14.1.5	4c(2)	Delete "3c"
★ 47	14.2.1	4A(1)	Change "a/X" to "A/X"
★ 47	14.2.2	4A(1)	Add "2b"
★ 47	14.6.4	4A(1)	Change "2b" to "2b/A"
★ 47	14.6.5	4A(1)	Change "2b" to "2b/A"
★ 48	16.2.1	4A(1)	Change "2b" to "2b/A"
★ 48	16.2.2	4A(1)	Change "1a" to "1a/A"
★ 48	16.6	4C(1)	Delete "b"
★ 48	17.1	1	Add "s" to "Concept"
★ 48	17.1	4C(2)	Delete "3c"
★ 48	17.2	4C(2)	Delete "3c"
★ 48	17.3	4C(2)	Add "3c"
★ 48	17.4	4C(2)	Add "3c"
★ 49	18.2	4A(1)	Add "1a"
★ 49	18.4	4C(2)	Delete "3d"
★ 49	18.5	4A(1)	Add "1a"
★ 49	18.5	4C(1)	Change "c" to "b"

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 50	21.1	2	Change "***/" to "**/"
★ 50	21.2	2	Change "***/" to "**/"
★ 50	21.3	2	Change "***/" to "**/"
★ 50	21.4	2	Change "***/" to "**/"
★ 50	21.5	2	Change "***/" to "**/"
★ 54		1	Add new STS Item 31.8 31.8. Perform Post Blast Analysis
★ 54		1	Add new STS Item 31.9 31.9. Identify Advanced Electronic Components
★ 54		1	Add new STS Item 31.10 31.10. Advanced Diagnostics Techniques
★ 54		1	Add new STS Item 31.11 31.11. Advanced Render Safe Techniques
★ 54		1	Add new STS Item 31.12 31.12. Identify Commercial and Foreign Explosives
★ 54		1	Add new STS Item 31.13 31.13. Large Vehicle IED Techniques
★ 54		1	Add new STS Item 31.14 31.14. Nuclear, Chemical and Biological IED Techniques
★ 54		1	Add new STS Item 31.15 31.15. Weapons of Mass Destruction

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 54		1	Add new STS Item 31.16 31.16. Terrorist Threat Trend Analysis
★ 54		1	Add new STS Item 31.17 31.17. Force Protection Strategies
★ 55	34.1.1	4A(1)	Change "A" to "A/X"
★ 55	34.1.2	4A(1)	Change "A" to "A/X"
★ 55	34.1.5.1	4A(1)	Change "A" to "A/X"
★ 55	34.1.5.2	4A(1)	Change "A" to "A/X"
★ 55	34.1.5.3	4A(1)	Change "A" to "A/X"
★ 55	34.1.5.4	4A(1)	Change "A" to "A/X"
★ 55	34.1.5.5	4A(1)	Change "A" to "A/X"
★ 55	34.1.5.6	4A(1)	Change "A" to "A/X"
★ 55	34.2.1	4A(1)	Change "A" to "A/X"
★ 56	34.2.2	4A(1)	Change "A" to "A/X"
★ 56	34.2.3	4A(1)	Change "A" to "A/X"
★ 56	34.3	1	Change paragraph to read: Self Protection from Extreme Weather TR: Home Station Training (HST) Course of Study, Vol 2; Medical Aspects of Cold Weather Operations US Army Research Institute Report TN 93-4 and 92-2; AFPAM 10-219, Vol 5, Army FM 21-76
★ 56	34.3.1.1	4A(1)	Change "A" to "A/X"
★ 56	34.3.1.2	4A(1)	Change "A" to "A/X"

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 56	34.3.2.1	4A(1)	Change "A" to "A/X"
★ 56	34.3.2.2	4A(1)	Change "A" to "A/X"
★ 56	34.3.2.3	4A(1)	Change "A" to "A/X"
★ 56	34.3.2.4	4A(1)	Change "A" to "A/X"
★ 56	34.3.2.5	4A(1)	Change "A" to "A/X"
★ 56	34.3.2.6	4A(1)	Change "A" to "A/X"
★ 56	34.4.4	4A(1)	Change "A" to "A/X"
★ 57	34.5.1	4A(1)	Change "A" to "A/X"
★ 57	34.5.2	2	Add "/A"
★ 57	34.5.2	4A(1)	Add "A/X"
★ 57	34.5.2	4B(1)	Add "B"
★ 57	34.5.2.1	4A(1)	Change "A" to "A/X"
★ 57	34.5.2.2	1	Add "s" to the word "movement"
★ 57	34.5.2.2	4A(1)	Change "A" to "A/X"
★ 57	34.5.2.4	4A(1)	Change "A" to "A/X"
★ 57	34.5.2.5	4A(1)	Change "A" to "A/X"
★ 57	34.5.2.6	1	Delete the word "defense"
★ 57	34.5.2.6	4A(1)	Change "A" to "A/X"
★ 57	34.5.2.7	4A(1)	Change "A" to "A/X"
★ 57	34.6.1.1	4A(1)	Change "A" to "A/X"
★ 57	34.6.1.2	4A(1)	Change "A" to "A/X"
★ 57	34.6.1.3	4A(1)	Change "A" to "A/X"
★ 57	34.6.1.4	4A(1)	Change "A" to "A/X"
★ 57	34.6.1.5	4A(1)	Change "A" to "A/X"

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 57	34.6.1.6	4A(1)	Change "A" to "A/X"
★ 57	34.7.1	4A(1)	Change "A" to "A/X"
★ 57	34.7.2	4A(1)	Change "A" to "A/X"
★ 57	34.7.3	4A(1)	Change "A" to "A/X"
★ 58	34.9.1	1	Change paragraph to read: "Base Recovery After Attack"
★ 58	34.9.1	4A(1)	Change "A" to "A/X"
★ 58	34.9.2	1	Change paragraph to read: "Rapid Runway Repair (RRR)"
★ 58	34.9.2	4A(1)	Change "A" to "A/X"
★ 58	34.9.3	1	Delete entire paragraph
★ 58	34.10.1	1	Change paragraph to read: "Multi-skilling concept"
★ 58	34.10.1	4A(1)	Change "A" to "A/X"
★ 58	34.10.2	1	Change paragraph to read: "Contingency vehicle and equipment responsibilities"
★ 58	34.10.2	4A(1)	Change "A" to "A/X"
★ 58	34.10.3	1	Change paragraph to read: "Bed-down Shelter TR: T.O.s 35E-5-6-1, 35E4-132-1, 35E4-94-1; AFPAM 10-219, Vol 2,3 & 5, Army TMS 10-8340-207-14; 10-4500-200-13;"
★ 58	34.10.3.1	4A(1)	Change "A" to "A/X"
★ 58	34.10.3.2	4A(1)	Change "A" to "A/X"
★ 59	34.10.3.3	4A(1)	Change "A" to "A/X"

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 59	34.10.3.4.1	4A(1)	Change "A" to "A/X"
★ 59	34.10.3.4.2	4A(1)	Change "A" to "A/X"
★ 59	34.10.3.4.3	4A(1)	Change "A" to "A/X"
★ 60	34.12.1.1	1	Change paragraph to read: "Intents of hardening"
★ 60	34.12.1.1	4A(1)	Change "A" to "A/X"
★ 60	34.12.1.3	4A(1)	Change "A" to "A/X"
★ 60	34.12.1.4	4A(1)	Change "A" to "A/X"
★ 60	34.12.2.1	4A(1)	Change "A" to "A/X"
★ 60	34.12.2.2	4A(1)	Change "A" to "A/X"
★ 60	34.12.2.3	4A(1)	Change "A" to "A/X"
★ 60	34.12.2.4	4A(1)	Change "A" to "A/X"
★ 60	34.12.4.1	4A(1)	Change "A" to "A/X"
★ 60	34.12.4.2	4A(1)	Change "A" to "A/X"
★ 60	34.12.4.3	4A(1)	Change "A" to "A/X"
★ 61	34.12.5.5	4A(1)	Change "A" to "A/X"
★ 61	34.14.1	1	Change paragraph to read: "Base denial concepts"
★ 61	34.14.1	4A(1)	Change "A" to "A/X"
★ 61	34.14.2.1	4A(1)	Change "A" to "A/X"
★ 61	34.14.2.2	4A(1)	Change "A" to "A/X"
★ 61	34.14.2.3	4A(1)	Change "A" to "A/X"
★ 61	34.14.2.4	4A(1)	Change "A" to "A/X"
★ 61	34.14.2.5	4A(1)	Change "A" to "A/X"

<u>Page</u>	<u>STS Item</u>	<u>Column</u>	<u>Action</u>
★ 61	34.15.1	4A(1)	Change "A" to "A/X"
★ 61	34.15.2	4A(1)	Change "A" to "A/X"
★ 62	34.15.3	4A(1)	Change "A" to "A/X"

SECTION D - TRAINING COURSE INDEX

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 65	7	Add the following information under the appropriate column: CDC 3E851B; EOD Journeyman; Aug 97
★ 75	Figure 9.1	Change Item 6.4 to read: "Perform EOD Safing Operations employing associated Equipment and Techniques for the operation"

SECTION D - TRAINING COURSE INDEX

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 75	Figure 9.1	Change Item 6.4.1 to read: "Perform Wartime Aircraft Safing Operations (SORTS REPORTABLE)"
★ 75	Figure 9.1	Change Item 6.4.2 to read: "Perform Conventional UXO Safing Operations (SORTS REPORTABLE)"
★ 75	Figure 9.1	Change Item 6.4.3 to read: "Perform Wartime NBC Operations (SORTS REPORTABLE)"
★ 75	Figure 9.1	Change Item 6.4.4 to read: "Perform EOD BRAAT Operations (SORTS REPORTABLE)"

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 75	Figure 9.1	Change Item 6.4.5 to read: "Perform Improvised Explosive Device Safing Operations (SORTS REPORTABLE)"
★ 75	Figure 9.1	Change Item 6.4.6 to read: "Perform UXO Clearance Operations (SORTS REPORTABLE)"
★ 75	Figure 9.1	Change Item 6.4.7 to read: "Perform Minefield Clearance Techniques (SORTS REPORTABLE)"

SECTION G - EOD STANDARD TRAINING PACKAGE

<u>Page</u>	<u>Para</u>	<u>Action</u>
★ 78	16.1	Under the heading of "Subjects" Add the following lines: "Live Ordnance Range Clearance Operations (min 2 weeks)" "Dynamics of International Terrorism" "Emergency Response to Terrorism (FEMA Course)" "FBI/ATF Post Blast Analysis Course"

2. Page Insert Changes:

<u>Page</u>	<u>Action</u>
★ 23 & 24	Insert new pages 23 and 24
★ 37 & 38	Insert new pages 37 and 38

3. After necessary actions, file this change in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

EUGENE A. LUPIA, Maj. Gen., USAF
The Civil Engineer
DCS/Installations and Logistics

8.3.1. EOD Badge Heraldry. The wreath is symbolic of the achievements and laurels gained in minimizing accident potentials, through the ingenuity and devotion to duty of its members. It is in the memory of those EOD professionals who gave their lives while performing EOD duties. **The bomb**, copied from the design of the World War II, Bomb Disposal Badge, represents the historic and major objectives of the EOD attack, the unexploded bomb. The three fins represent the major areas of nuclear, conventional, and chemical/biological interest. The **lightning bolts** symbolize the potential destructive power of the bomb and the courage and professionalism of EOD personnel in their endeavors to reduce hazards as well as to render explosive ordnance harmless. **The shield** represents the EOD mission-prevent a detonation and protect the surrounding area and property to the utmost.

8.4. Basic Badges. The basic badge is awarded upon successful completion of the apprentice course.

8.5. Senior Badges. The senior badge adds a star to the top of the badge. This is awarded after the member successfully completes the 7-level awarding course.

8.6. Master Badge. The master badge adds a wreath around the star. It's awarded to master sergeant or above with 5 years in the specialty from award of the 7-skill level.

Table 8.7 Enlisted Career Path.

Table 8.7 Enlisted Career Path				
Education and Training Requirements	GRADE REQUIREMENTS			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training school				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
★ Upgrade To Journeyman (5-Skill Level) - Complete all core and duty related tasks identified in CFETP - Minimum 15 months on-the-job training. (9 months for retrainees) - Complete appropriate CDC if/when available.		3 years	28 months	10 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).	<u>Trainer</u> - Trainer must be qualified and certified on tasks to be trained. - Must attend formal AF Training Course and be appointed by Commander in writing.			
★ Upgrade To Craftsman (7-Skill Level) - Complete all core and duty related tasks identified in CFETP - Minimum rank of SSgt. - 18 months OJT (12 months for retrainees). - Complete appropriate CDC if/when available. - Attend 7-level Craftsman Course (must complete a minimum of 12 months in UGT prior to attendance -- 6 months minimum UGT for retrainees)	SSgt	7.5 years	3 years	20 Years
★ Retrainee: - Minimum 9 months for 5-level - Minimum 12 months for 7-level UGT	<u>Certifier</u> - SSgt with 5-skill level or civilian equivalent. - Attend formal AF Certifier Course and appointed by Commander in writing. - Be a person other than the trainer (for core and critical tasks only).			
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt Selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt	12.5 years	5 years	20 Years
	MSgt	16 years	8 years	24 Years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt, SMSgt Selectee, or select MSgt. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only).	SMSgt	19.2 years	11 years	26 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt. - Must be a resident graduate of SNCOA (Active Duty Only).	CMSgt	21.5 years	14 years	30 Years

Interim Change 1

This block is for identification purposes only.		
Name of Trainee		
Printed Name (Last, First, Middle)	Initials (Written)	SSAN
Printed Names and Written Initials of Training and Certifying Officials		
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	

Qualitative Requirements

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (Partially proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly proficient)
Task Knowledge Levels ★ ✓ (see note below)	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can determine step by step procedures for doing the task. (Procedures)
	c	Can identify why and when the task must be done and why each step is needed. (Operating principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced theory)
Subject Knowledge Levels ★ ✓ ✓ (see note below)	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)
Explanations ★ A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: "b" and "1b") ★ ✓ ✓ A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks. /X This mark is used in course columns to show that training is required but not given due to resource constraints. / Lower code (3c/2b) indicates that a task is being trained to a level that is lower than required. Specific tasks not identified with a symbol or proficiency code key (blank) indicates that no training is provided in the course or CDC. Major commands and/or units may establish scale values and combat training as dictated by mission requirements.		

Attachment 1

